



A METHOD FOR DELIVERING SECONDARY
(NON-LOCATION) DATA TO A GPS RECEIVER

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FIG. 4

WORD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	PREAMBLE								TLM MSG												R		R	PARITY							
	1	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1
2	TOW TRUNCATED																AI		AS	SFID		P	P	PARITY							
	1	0	0	1	1	0	0	0	1	0	1	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	1	0	0	0	0
3	GPS WEEK				L2				URA				SV HEALTH				IODC				PARITY										
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
4	P L2		RESERVED																PARITY												
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
5	RESERVED																								PARITY						
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
6	RESERVED																								PARITY						
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
7	RESERVED								TGD								PARITY														
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
8	8 LSB OF IODC								loc CLOCK CORRECTION								PARITY														
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
9	af2 CLOCK CORRECTION								af1 CLOCK CORRECTION								PARITY														
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0
10	af0 CLOCK CORRECTION												P				P	PARITY													
	SECONDARY DATA																P ALIGN				PARITY										
	1	0	0	0	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0